AMENDMENTS TO THE SPECIFICATION

Applicant amends the paragraph beginning "FIGURE 1 is a schematic . . ." on Page 5, of the Specification as follows:

"FIGURE 1 is a schematic block diagram of a data processing system indicated generally at 10 which comprises a user interface 12. User interface 12 is operable to display data and receive commands from a user which is interfacing with system 10. User interface 12 may comprise a software application or a portion of a data processing system that may include a computer screen, computer keyboard, and a pointing device such as a mouse or a track ball. Using these systems, a graphical display can be presented to a user and the user can type in commands or terms and use the pointing device to select active portions of the screen to institute actions or select items on the screen. According to one embodiment of the present invention, system 10 may comprise a portion of a computer aided design (CAD) system or an engineering data management system. CAD systems are ordinarily associated with the design of an assembly whereas engineering data management systems are ordinarily associated with the management of design data and related parameters after design, during, for example, manufacture or testing of the assembly. Both such types of system commonly use large, hierarchically organized data sets that would benefit from the teachings, of the present ~~**invention.**~~ **invention.** In these embodiments, the user interface is operable to present graphical images of components of assemblies which are designed, modeled, or managed using the system 10."

Applicant amends the paragraph beginning "The display engine 18 may . . ." on Page 6, of the Specification as follows:

The display engine 18 may then identify the portions of the data set 14 within the data hierarchy that are associated with the identified elements and organize the results in an organized directory tree as represented by tree table 20. According to the teachings of the present invention, the resulting display presented to the user through user interface 12 may comprise a "pruned" bill of materials display. In contrast, in order to compile and present conventional displays of a bill of materials, conventional CAD systems and engineering data management systems typically will identify the elements within the data structure which are identified by the search in the context of the complete remaining directory tree. This can result in a very confusing display because the identified elements may be located extremely deep in the directory structure. As such, the illustration of where these elements lie in the directory tree can take up a great deal of space on the display and make it difficult to display more than one or two identified elements. It should be understood that the term "directory" is used herein in its broadest possible sense to mean any grouping of information. In some systems and data sets, these groupings may be referenced to as assemblies, subassemblies, directories, subdirectories, file groups, file sections, folders, subfolders or any other of a ~~number f~~ **number of** terms used to identify groups of information.

Applicant amends the paragraph beginning "FIGURE 2 illustrates a pruned bill . . . " on Page 6, of the Specification as follows:

FIGURE 2 illustrates a pruned bill of materials display indicated generally at 22 which may be used in conjunction with the method and system of the present invention. Display 22 shows a directory structure associated with a bill of materials for an exemplary snow mobile. The highest level of organization shown in display 22 is the directory or assembly titled "top review" indicated at 24 in FIGURE 2. The next level within the bill of materials includes directories for the seat, steering, left and right skis, a skid frame, mud guard, chassis, several springs, lower arms, and the front body of the snowmobile. As is common in directory structures, if a level of a directory has further elements within it that are not being displayed, an expansion ~~**indictor,**~~ **indicator** such as indicator 26, is placed to the left of the associated directory. By selecting and clicking on the expansion indicator 26 the subdirectories within the higher level directory can be displayed. The display 22 shown in FIGURE 2 also includes the capability to display images of the components of the system associated with the bill of materials in a component display window 28. If the user desires to see images of the components, the user can place a check in ~~**a element**~~ **an element** display box, such as element display box 30 indicated in FIGURE 2.